
Wednesday, October 29

08:50 - 09:00

Opening Remarks

Room: Warfield –Theatre Level

Ashish Khisti (University of Toronto)

09:00 - 10:00

Morning Keynote: Digital Security through Physical Sensing

Room: Warfield –Theatre Level

Prasant Mohapatra (University of California, Davis)

10:30 - 12:30

PMWS1

Room: Warfield –Theatre Level

Chair: Can Emre Koksal (The Ohio State University, USA)

RF-Fingerprint Based Authentication: Exponents and Achievable Rates

Onur Gungor (The Ohio State University, USA); Can Emre Koksal (The Ohio State University, USA)

The Security of Link Signature: A View from Channel Models

Xiaofan He (North Carolina State University, USA); Huaiyu Dai (NC State University, USA); Yufan Huang (North Carolina State University, USA); Dong Wang (Southeast University, P.R. China); Wenbo Shen (North Carolina State University, USA); Peng Ning (North Carolina State University, USA)

On Secure Communication over Multiple Access Wiretap Channels under Channel Uncertainty

Rafael F. Schaefer (Princeton University, USA); H. Vincent Poor (Princeton University, USA)
Parity Modifications and Stopping Sets in High-Rate Codes for Physical-Layer Security
Willie K Harrison (University of Colorado Colorado Springs, USA); Parker Boyce (University of Colorado Colorado Springs, USA)

On the Fading Gaussian Wiretap Channel with Statistical Channel State Information at Transmitter
Pin-Hsun Lin (TU Dresden, Germany); Eduard Jorswieck (TU Dresden, Germany)

Uniform Distributed Source Coding for the Multiple Access Wiretap Channel
Remi A Chou (Georgia Institute of Technology, USA); Matthieu Bloch (Georgia Institute of Technology & Georgia Tech Lorraine, France)

14:30 - 15:30
Afternoon Keynote: Wireless Network Security: Building on Erasures
Room: Warfield –Theatre Level
Suhas Diggavi (University of California, Los Angeles)

16:00 - 17:20
PMWS2
Room: Warfield –Theatre Level
Chair: Rafael F. Schaefer (Princeton University, USA)

MCR Decoding: A MIMO Approach for Defending Against Wireless Jamming Attacks
Wenbo Shen (North Carolina State University, USA); Peng Ning (North Carolina State University, USA); Xiaofan He (North Carolina State University, USA); Huaiyu Dai (NC State University, USA); Yao Liu (University of South Florida, USA)

Relay-based Secret Key Generation in LTE-A
Kan Chen (Kansas State University, USA); Bala Natarajan (Kansas State University, USA); Steve Shattil (Department 13, LLC, USA)

Signal Alignment for Secure Underwater Coordinated Multipoint Transmissions
Chao Feng Wang (Michigan Technological University, USA); Zhaohui Wang (Michigan Technological University, USA); Saeid Nooshabadi (Michigan Technological University, USA)

Portability of an RF Fingerprint of a Wireless Transmitter
Saeed Ur Rehman (Unitec Institute of Technology, New Zealand)

17:20 - 17:30
Concluding Remarks
Room: Warfield –Theatre Level
Ashish Khisti (University of Toronto)